

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. – 20.(canceled)

21. (currently amended) A method of enhancing a selected digital video frames, or a portions thereof, included in a digital video stream, comprising:

selecting a particular one of the digital video frames for enhancement;

selecting others of the digital video frames associated with the ~~particular~~ digital video frame to be enhanced; and

enhancing the selected digital video frame based upon information included in the other digital video frames and the particular digital video frame.

22. (currently amended) The method as recited in claim 21, further comprising wherein the enhancing comprises:

obtaining movement information for the selected digital video frame and the other digital video frames;

~~retrieving a first block of interest from the selected digital video frames;~~

~~identifying associated blocks of interest included in the other video frames; and~~

~~calculating an enhanced block of interest for the particular digital video frame using the movement information.~~

23. (currently amended) The method as recited in claim 22, further comprising:

wherein when only a portion of the selected video frame is to be enhanced then,

identifying portions of the associated digital video frames corresponding to the portion to be enhanced; and

enhancing the portion based upon information included in the corresponding other digital video frame portions and the portion of the selected video frame

~~reading a compressed video stream having the movement information embedded therein; and~~

~~using the embedded movement information to decompress the compressed video stream into a series of digital video frames.~~

24. (currently amended) The method as recited in claim 23, further comprising:
wherein when the enhancement ~~of the digital video frame~~ is complete,
selecting another of the stream of digital video frames for enhancement; and
continuing the selecting until all of selected digital video frames, or portions thereof, have
been enhanced.

25. (currently amended) The method as recited in claim 24, wherein when all of the selected
digital video frames or portions thereof have been enhanced, then
manipulating selected ones of the enhanced digital video frames or portions.

26. (currently amended) The method as recited in claim 25, wherein the manipulating is selected
from a group comprising: ~~a zoom operation~~, a contrast enhancement operation, a luminance control
operation, a color adjustment operation, a gamma correction operation, an image sharpening
operation, a color saturation operation, and a zoom operation.

27. The method as recited in claim 26, wherein the method is executed by a processor unit
included in a digital video disc (DVD) player.

28. (currently amended) Computer program product for of enhancing a selected digital video
frames, or a portions thereof, included in a digital video stream, comprising:

computer code for selecting a particular one of the digital video frames for enhancement;
selecting others of the digital video frames associated with the ~~particular~~ digital video
frame to be enhanced;

computer code for enhancing the selected digital video frame based upon information
included in the other digital video frames and the particular digital video frame; and
computer readable medium for storing the computer code.

29. (currently amended) The computer program product as recited in claim 28, further
comprising wherein the enhancing comprises:

obtaining movement information for the selected digital video frame and the other digital
video frames;

~~retrieving a first block of interest from the selected digital video frames;~~
~~identifying associated blocks of interest included in the other video frames; and~~
~~calculating an enhanced block of interest for the particular digital video frame using~~
~~the movement information.~~

30. (currently amended) The computer program product as recited in claim 29, further comprising:

wherein when only a portion of the selected video frame is to be enhanced then,

computer code for identifying portions of the associated digital video frames
corresponding to the portion to be enhanced; and

computer code for enhancing the portion based upon information included in the
corresponding other digital video frame portions and the portion of the selected video frame

~~computer code for reading a compressed video stream having the movement~~
~~information embedded therein; and~~

~~computer code for using the embedded movement information to decompress the~~
~~compressed video stream into a series of digital video frames.~~

31. (currently amended) The computer program product as recited in claim 30, wherein when the enhancement ~~of the digital video frame~~ is complete, further comprising:

computer code for selecting another of the stream of digital video frames for enhancement;
and

computer code for continuing the selecting until all of selected digital video frames, ~~or~~
~~portions thereof~~, have been enhanced.

32. (previously added) The computer program product as recited in claim 31, wherein when all of the selected digital video frames or portions thereof have been enhanced, then

computer code for manipulating selected ones of the enhanced digital video frames or
portions.

33. (currently amended) The computer program product as recited in claim 32, wherein the manipulating is selected from a group comprising: ~~a zoom operation~~, a contrast enhancement operation, a luminance control operation, a color adjustment operation, a gamma correction operation, an image sharpening operation, a color saturation operation, and a zoom operation.

34. (previously added) The computer program product as recited in claim 33, wherein the computer program product is executed by a processor unit included in a digital video disc (DVD) player.

35. (currently amended) An apparatus for enhancing a selected digital video frames, or a portions thereof, included in a digital video stream, comprising:

means for selecting a particular one of the digital video frames for enhancement;

means for selecting others of the digital video frames associated with the ~~particular~~ digital video frame **to be enhanced**; and

means for enhancing the selected digital video frame based upon information included in the other digital video frames and the particular digital video frame.

36. (currently amended) An apparatus as recited in claim 35, **further comprising wherein the enhancing comprises:**

means for obtaining movement information for the selected digital video frame and the other digital video frames;

~~means for retrieving a first block of interest from the selected digital video frames;~~

~~means for identifying associated blocks of interest included in the other video frames;~~

and

~~means for calculating an enhanced block of interest for the particular digital video frame using the movement information.~~

37. (currently amended) The apparatus as recited in claim 36, further comprising:

wherein when only a portion of the selected video frame is to be enhanced then,

identifying portions of the associated digital video frames corresponding to the portion to be enhanced; and

enhancing the portion based upon information included in the corresponding other digital video frame portions and the portion of the selected video frame.

~~means for reading a compressed video stream having the movement information embedded therein; and~~

~~means for using the embedded movement information to decompress the compressed video stream into a series of digital video frames.~~

38. (currently amended) The apparatus as recited in claim 37, further comprising:

wherein when the enhancement ~~of the digital video frame~~ is complete,
means for selecting another of the stream of digital video frames for enhancement; and
means for continuing the selecting until all of selected digital video frames, ~~or portions thereof~~, have been enhanced.

39. (currently amended) The apparatus as recited in claim 38, wherein when all of the selected digital video frames or portions thereof have been enhanced, then
means for manipulating selected ones of the enhanced digital video frames or portions.

40. (currently amended) The apparatus as recited in claim 39, wherein the manipulating is selected from a group comprising: ~~a zoom operation~~, a contrast enhancement operation, a luminance control operation, a color adjustment operation, a gamma correction operation, an image sharpening operation, and a color saturation operation, and a zoom operation.

41. (previously added) The apparatus as recited in claim 39, wherein the apparatus is included in, or associated with, a digital video disc (DVD) player.